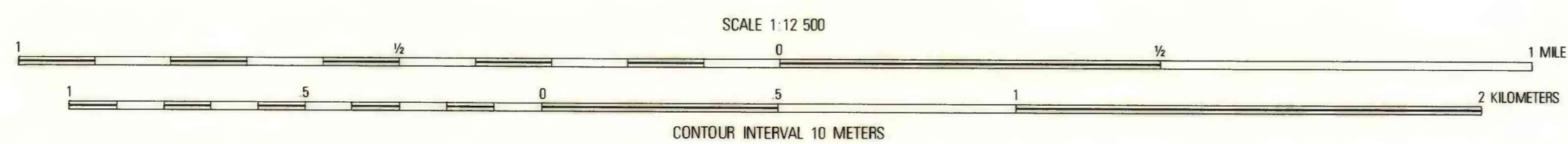


EXPLANATION

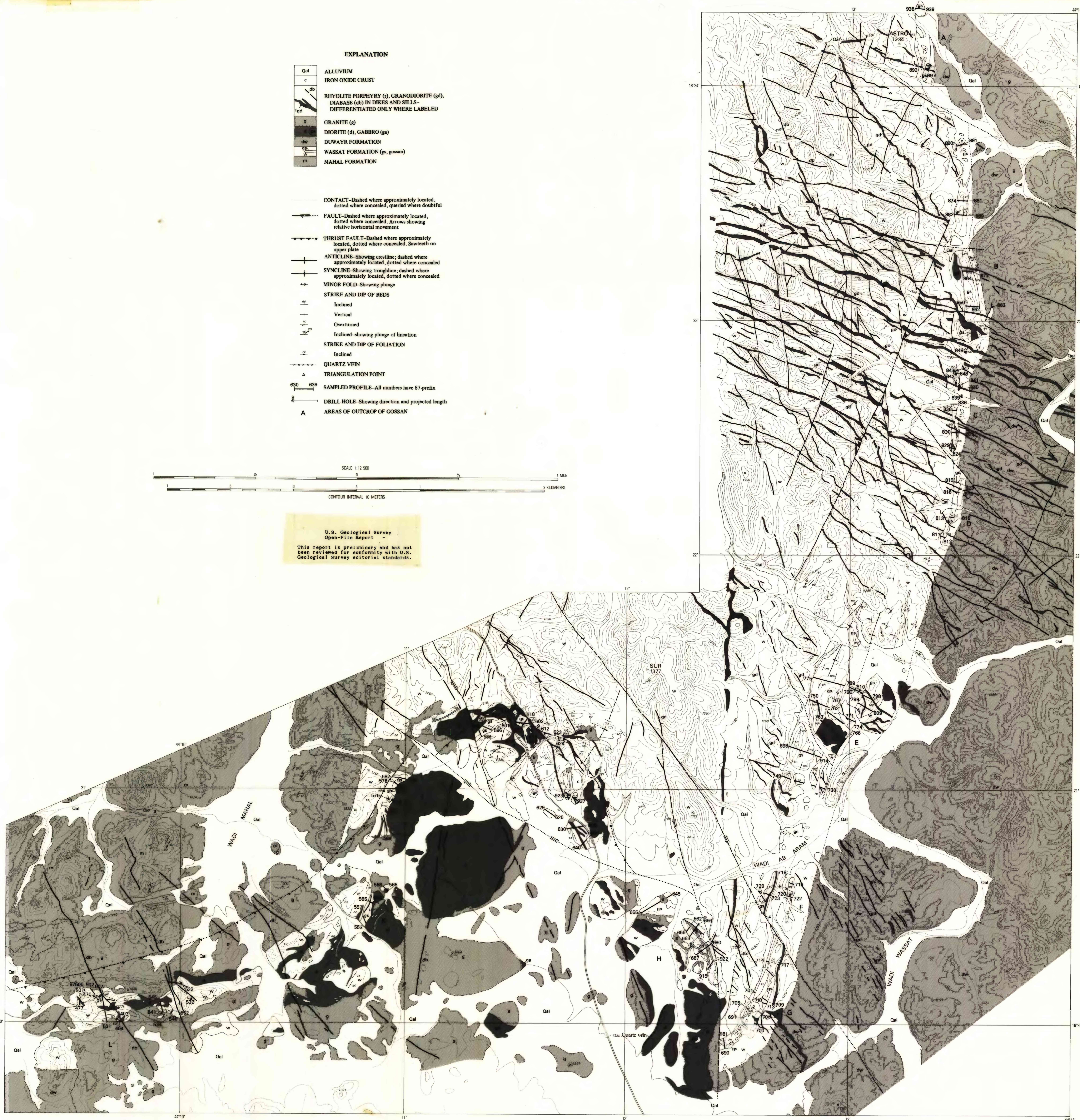
Qal	ALLUVIUM
c	IRON OXIDE CRUST
db	RHYOLITE PORPHYRY (r), GRANODIORITE (gd), DIABASE (db) IN DIKES AND SILLS- DIFFERENTIATED ONLY WHERE LABELED
g	GRANITE (g)
gd	DIORITE (d), GABBRO (ga)
dw	DUWAYR FORMATION
gs	WASSAT FORMATION (gs, gossan)
m	MAHAL FORMATION

---	CONTACT--Dashed where approximately located, dotted where concealed, queried where doubtful
---	FAULT--Dashed where approximately located, dotted where concealed. Arrows showing relative horizontal movement
---	THRUST FAULT--Dashed where approximately located, dotted where concealed. Sawtooth on upper plate
---	ANTICLINE--Showing crestline; dashed where approximately located, dotted where concealed
---	SYNCLINE--Showing troughline; dashed where approximately located, dotted where concealed
---	MINOR FOLD--Showing plunge
---	STRIKE AND DIP OF BEDS
---	Inclined
---	Vertical
---	Overtured
---	Inclined--showing plunge of lineation
---	STRIKE AND DIP OF FOLIATION
---	Inclined
---	QUARTZ VEIN
---	TRIANGULATION POINT
---	SAMPLED PROFILE--All numbers have 87-prefix
---	DRILL HOLE--Showing direction and projected length
A	AREAS OF OUTCROP OF GOSSAN



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This report is preliminary and has not
been reviewed for conformity with U.S.
Geological Survey editorial standards.



GEOLOGIC MAP OF THE WADI WASSAT IRON SULFIDE DEPOSITS

By
Darwin L. Rossman, Ralph J. Roberts, and Conrad Martin
1981